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OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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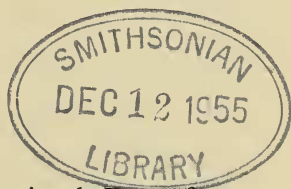
FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the Commission

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DIRECTION 24

Completion of the entries relating to the names of certain genera in the Class Mammalia made on the *Official List of Generic Names in Zoology* in the period up to the end of 1936



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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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DIRECTION 24

COMPLETION OF THE ENTRIES RELATING TO THE NAMES OF CERTAIN GENERA IN THE CLASS MAM- MALIA MADE ON THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY" IN THE PERIOD UP TO THE END OF 1936

RULING :—(1) The following particulars relating to the determination under Article 30 of the *Règles* of the type species of the under-mentioned genera, the names of which were placed on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion* 91, are hereby inserted in the said *Official List* :—

- (a) Type species by original designation (Rule (a)) :
Erethizon Cuvier (G. F.), 1823 ;
- (b) Type species by monotypy (Rule (c)) :
Arvicola Lacépède, 1799 ;
- (c) Type species by Linnean tautonymy (Rule (d)), as codified by the International Congress of Zoology (1950, *Bull. zool. Nomencl.* 4 : 155) :
 - (i) *Canis* Linnaeus, 1758 ;
 - (ii) *Capra* Linnaeus, 1758 ;
 - (iii) *Cervus* Linnaeus, 1758 ;
 - (iv) *Felis* Linnaeus, 1758 ;
 - (v) *Lepus* Linnaeus, 1758 ;
 - (vi) *Mus* Linnaeus, 1758 ;
 - (vii) *Sciurus* Linnaeus, 1758 ;
 - (viii) *Sorex* Linnaeus, 1758 ;
- (d) Type species by subsequent selection (Rule (g)) :
 - (i) *Ateles* Geoffroy de Saint-Hilaire (E.), 1806 : selection by Miller & Rehn (1901) ;
 - (ii) *Bradypus* Linnaeus, 1758 : selection by Miller & Rehn (1901) ;

- (iii) *Cebus* Erxleben, 1777 : selection by Elliot (1913) ;
- (iv) *Choloepus* Illiger, 1811 : selection by Miller & Rehn (1901) ;
- (v) *Condylura* Illiger, 1811 : selection by True (1896) ;
- (vi) *Crocidura* Wagler, 1832 : selection by Palmer (1904) ;
- (vii) *Cystophora* Nilsson (S.), 1820 : selection by Allen (1880) ;
- (viii) *Didelphis* Linnaeus, 1758 : selection by Thomas (1888) ;
- (ix) *Halichoerus* Nilsson (S.), 1820 : selection by Allen (1880) ;
- (x) *Myrmecophaga* Linnaeus, 1758 : selection by Thomas (1901) ;
- (xi) *Ovibos* Blainville, 1816 : selection by Elliot (1901) (this selection having been published in March 1901 has priority over the selection of the same species by Miller & Rehn which was not published until towards the end of December 1901) ;
- (xii) *Phyllostomus* Lacépède, 1799 : selection by Miller & Rehn (1901) ;
- (xiii) *Procyon* Storr, 1780 : selection by Elliot (1901) (also later in the same year selected by Miller & Rehn) ;
- (xiv) *Rangifer* Smith (C. H.), 1827 : selection by Elliot (1901) (also later in the same year selected by Miller & Rehn) ;
- (xv) *Rhinolophus* Lacépède, 1799 : selection by Palmer (1904).

(2) The following particulars relating to the determination under Article 30 of the type species of the under-mentioned genera are hereby inserted in the *Official List of Generic Names in Zoology* in substitution for the

particulars specified therefor by the Rulings given in *Opinion* 91 and *Opinion* 122 respectively :—

(a) *Dasyprocta* Illiger, 1811 ; type species by selection by Thomas (1903) under the procedure prescribed by *Opinion* 6 : *Mus aguti* Linnaeus, 1766.

(b) *Lemur* Linnaeus, 1758 ; type species by selection by Thomas (M. R. O.) (1911) : *Lemur catta* Linnaeus, 1758.

(3) The date “1822” inadvertently specified in the Ruling given in *Opinion* 91 as the date of publication of the generic name *Erethizon* Cuvier (G. F.) is hereby corrected to “1823”.

(4) The incorrect entry “*polycomos* Schreber” as the name of the type species of the genus *Colobus* Illiger, 1811, specified in the Ruling given in *Opinion* 122 is hereby deleted from the *Official List of Generic Names in Zoology* and the following revised entry is inserted in its place :—*Simia polykomos* Zimmermann, 1780, *Geogr. Gesch.* 2 : 202.

(5) The incorrect entry “t[type by] a[bsolute] t[autonymy] *senegalensis* Geoffr. = *galago* Schreber” relating to the determination of the type species of the genus *Galago* Geoffroy de Saint-Hilaire (E.), 1796, specified in the Ruling given in *Opinion* 122 is hereby deleted from the *Official List of Generic Names in Zoology* and the following revised entry is inserted in its place :—Type species, by monotypy : *Galago senegalensis* Geoffroy de Saint-Hilaire, 1796.

(6) The gender to be attributed to the generic name *Galago* Geoffroy de Saint-Hilaire (E.), 1796, placed on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion* 122 is hereby determined as being the masculine gender.

(7) The incorrect entry “m[ono] t[ypy]. *spectrum* Pallas, so. t[type by] a[bsolute] t[autonymy] *tarsier* Erxl.,

1777, = *tarsius* " relating to the determination of the type species of the genus *Tarsius* Storr, 1780, specified in the Ruling given in *Opinion* 122 is hereby deleted from the *Official List of Generic Names in Zoology* and the following revised entry is inserted in its place :—Type species by selection by Palmer, 1904 (*N. Amer. Fauna* 23 : 664) : *Lemur tarsier* Erxleben, 1777.

(8) The under-mentioned generic names are hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Nos. severally specified below :—

- (i) *Alus* Gray (J. E.), 1825 (an Erroneous Subsequent Spelling for *Alces* Gray (J. E.), 1821, placed on the *Official List* in *Opinion* 91) (Name No. 337) ;
- (ii) *Cebus* Rafinesque, 1815 (a junior homonym of *Cebus* Erxleben, 1777, placed on the *Official List* in *Opinion* 91) (Name No. 338) ;
- (iii) The under-mentioned junior homonyms of *Colobus* Illiger, 1811, placed on the *Official List* by *Opinion* 122 :—
 - (a) *Colobus* Merrem, 1820 (Name No. 339) ;
 - (b) *Colobus* Audinet-Serville, 1834 (Name No. 340) ;
 - (c) *Colobus* Schoenherr, 1842 (Name No. 341) ;
 - (d) *Colobus* Albers, 1850 (Name No. 342) ;
- (iv) The under-mentioned junior homonyms of *Condylura* Illiger, 1811, placed on the *Official List* in *Opinion* 91 :—
 - (a) *Condylura* Barnes, 1826 (Name No. 343) ;
 - (b) *Condylura* Berthold, 1827 (Name No. 344) ;

- (v) *Condylurus* Blainville, 1838 (an Invalid Emendation of *Condylura* Illiger, 1811, placed on the *Official List* in *Opinion* 91) (Name No. 345) ;
- (vi) *Condytura* Bell, 1839 (an Erroneous Subsequent Spelling for *Condylura* Illiger, 1811, placed on the *Official List* in *Opinion* 91) (Name No. 346) ;
- (vii) *Crocidurus* Schultz, 1890 (an Invalid Emendation of *Crocidura* Wagler, 1832, placed on the *Official List* in *Opinion* 91) (Name No. 347) ;
- (viii) *Cystophora* Yabe & Hayaska, 1916 (a junior homonym of *Cystophora* Nilsson (S.), 1820, placed on the *Official List* in *Opinion* 91) (Name No. 348) ;
- (ix) *Dasyprocla* Lund, 1840 (an Erroneous Subsequent Spelling for *Dasyprocta* Illiger, 1811, placed on the *Official List* in *Opinion* 91) (Name No. 349) ;
- (x) The under-mentioned Erroneous Subsequent Spellings for *Erethizon* Cuvier (G. F.), 1823, placed on the *Official List* in *Opinion* 91 :—
 - (a) *Erethrizon* Torne, 1885 (Name No. 350) ;
 - (b) *Erethryzon* [Torne], 1891 (Name No. 351) ;
 - (c) *Eretison* Doughty, 1831 (Name No. 352) ;
 - (d) *Eretizon* Cuvier (G. F.), 1824 (Name No. 353) ;
 - (e) *Erythizon* Gray (J. E.), 1825 (Name No. 354) ;
- (xi) *Hylobates* Dejean, 1834 (a junior homonym of *Hylobates* Illiger, 1811, placed on the *Official List* in *Opinion* 122) (Name No. 355) ;
- (xii) *Hylobatus* Schlegel, 1876 (an Erroneous Subsequent Spelling for *Hylobates* Illiger, 1811, placed on the *Official List* in *Opinion* 122) (Name No. 356) ;

- (xiii) *Lagidium* Malaise, 1933 (a junior homonym of *Lagidium* Meyen, 1833, placed on the *Official List* in *Opinion* 110) (Name No. 357) ;
- (xiv) *Lemur* Hübner, [1809—1813] (a junior homonym of *Lemur* Linnaeus, 1758, placed on the *Official List* in *Opinion* 122) (Name No. 358) ;
- (xv) *Myrmecopha* Fischer de Waldheim, 1803 (an Erroneous Subsequent Spelling for *Myrmecophaga* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91) (Name No. 359) ;
- (xvi) *Myrmecophaga* Lacépède, 1799 (a junior homonym of *Myrmecophaga* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91) (Name No. 360) ;
- (xvii) *Myrmecophagus* Gray (J. E.), 1825 (an Invalid Emendation of *Myrmecophaga* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91) (Name No. 361) ;
- (xviii) *Nycteris* Borkhausen, 1797 (a junior homonym of *Nycteris* Geoffroy de Saint-Hilaire (E.) & Cuvier (G. F.), 1795, placed on the *Official List* in *Opinion* 111) (Name No. 362) ;
- (xix) *Paralces* Allen (J. A.), 1902 (a junior objective synonym of *Alces* Gray (J. E.), 1825, placed on the *Official List* in *Opinion* 91) (Name No. 363) ;
- (xx) *Petalia* Gray (J. E.), 1838 (a name suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy in *Opinion* 111) (Name No. 364) ;
- (xxi) *Phyllostoma* Cuvier (G. L. C. F. D.), 1800 (an Invalid Emendation of *Phyllostomus* Lacépède, 1799, placed on the *Official List* in *Opinion* 91) (Name No. 365) ;

- (xxii) The under-mentioned names suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy in *Opinion* 114 :—
- (a) *Pithecus* Geoffroy de Saint-Hilaire (E.) & Cuvier (G. F.), 1795 (Name No. 366) ;
 - (b) *Pithecus* Cuvier (G. L. C. F. D.), 1800 (Name No. 367) ;
 - (c) *Pithecus* Geoffroy de Saint-Hilaire (E.), 1812 (Name No. 368) ;
- (xxiii) *Rangifer* Gistel, 1847 (a junior homonym of *Rangifer* Serville, 1835, placed on the *Official List* in *Opinion* 91) (Name No. 369) ;
- (xxiv) The under-mentioned Erroneous Subsequent Spellings for *Rhinolophus* Lacépède, 1799, placed on the *Official List* in *Opinion* 91 :—
- (a) *Rhinolophos* Kaup, 1835 (Name No. 370) ;
 - (b) *Rhinolphus* Fischer de Waldheim, 1803 (Name No. 371) ;
 - (c) *Rhynolophus* Gray (J. E.), 1821 (Name No. 372) ;
- (xxv) *Sciurur* Temminck, 1844 (an Erroneous Subsequent Spelling for *Sciurus* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91) (Name No. 373) ;
- (xxvi) *Simia* Linnaeus, 1758 (a name suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy in *Opinion* 114) (Name No. 374) ;
- (xxvii) *Trichechus* Linnaeus, 1766 (a junior homonym of *Trichechus* Linnaeus, 1758, placed on the *Official List* in *Opinion* 112) (Name No. 375) ;

(xxviii) *Vespertilio* Mørch, 1852 (a junior homonym of *Vespertilio* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91) (Name No. 376) ;

(xxix) *Viscaccia* Oken, 1816 (suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy in *Opinion* 110) (Name No. 377).

(9) The under-mentioned specific names are hereby placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* with the Name Nos. 252 and 253 respectively :—

(i) *satyrus* Linnaeus, 1758, as published in the combination *Simia satyrus* (name suppressed under the Plenary Powers in *Opinion* 114 for the purposes of the Law of Priority but not for those of the Law of Homonymy) ;

(ii) *tarsius* Desmarest (A. G.), 1804, as published in the combination *Tarsius tarsius* (an Invalid Emendation of *tarsier* Erxleben, 1777, as published in the combination *Lemur tarsier*).

1. THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* is the fourth of a series containing decisions supplementary to the Rulings in regard to generic names in the Class Mammalia given in *Opinions* adopted in the pre-Lisbon (1935) period. These decisions have been taken by the International Commission in conformity with General Directives issued by the International Congress of Zoology (a) that the Commission should assign an appropriate gender to each name placed on the *Official List of Generic Names in Zoology* during the foregoing period, (b) that it should place on the *Official List of*

Specific Names in Zoology the specific names of the type species of genera, the names of which had already been placed on the *Official List of Generic Names in Zoology*, where the specific names concerned are the oldest available names for the species in question, (c) that it should place on the appropriate *Official Index of Rejected and Invalid Names* any objectively invalid names dealt with in that period, and (d) that it should take such other action as might be necessary to ensure that a decision was taken on all aspects of the cases dealt with in *Opinions* published up to the end of 1936. The present *Direction* gives Rulings on various miscellaneous matters which could not conveniently be dealt with in the earlier *Directions* concerned with the names of mammals. The proposals which formed the basis of the decisions taken by the Commission in the present case were submitted by the Secretary in the following paper on 25th March 1955 :—

**Names of genera of mammals placed on the “ Official List of Generic Names in Zoology ” in the period up the end of 1936 : proposed determination of certain matters additional to those dealt with in the proposals submitted with Voting Papers
V.P.(O.M.)(55)4 and V.P.(O.M.)(55)9**

By FRANCIS HEMMING, C.M.G., C.B.E.,

Secretary to the International Commission on Zoological Nomenclature

In a paper numbered Z.N.(S.) 900 which I submitted to the Commission on 26th January, 1955, I put forward proposals¹ for determining the gender to be attributed to the name of each genus of mammals that had been placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936, and concurrently with the present paper I am submitting a paper numbered Z.N.(S.) 913, containing recommendations² for the addition to the *Official List of Specific Names in Zoology* of the specific name of the type species of every genus of mammal, the name of which was during the foregoing period placed on the *Official List of Generic Names in Zoology*, in every case where that name is an available name and is accepted by specialists in the

¹ The decisions taken by the Commission on the proposals submitted in the paper numbered Z.N.(S.) 900 have now been embodied in *Direction* 10 (pp. 1—14 of the present Section of volume 1).

² The decisions taken by the Commission on the proposals submitted in the paper numbered Z.N.(S.) 913 have now been embodied in *Direction* 22 (pp. 179—200 of the present Section of volume 1).

group concerned as the oldest such name for the taxonomic species concerned, and, in other cases, for the addition to the foregoing *Official List* of whatever name is accepted by specialists as the oldest available name for the taxonomic species in question. Finally, in Paper Z.N.(S.) 915, I have submitted proposals³ for completing *Opinions* 108 and 109. If we leave on one side for the present the family-group-name problems involved in connection with the foregoing generic names, the proposals submitted in the foregoing papers cover, so far as mammal names are concerned, the whole of the field with which it will be necessary to deal in order to bring the pre-Lisbon portion of the *Official Lists* up to the level needed for publication. There are however certain minor matters outstanding which should at this stage be brought to the attention of the Commission and for which I desire to obtain its approval for the action proposed. These are dealt with in the present paper. In some cases the proposals now submitted are designed to correct minor errors, in others, to fill up gaps left in the *Opinions* here under consideration. In all, five types of case may be distinguished.

(1) Insertion in the "Official List" of particulars as to how the type species of certain genera were determined

2. In the case of twenty-eight of the sixty-two nominal genera of mammals placed upon the *Official List of Generic Names in Zoology* in the period up to the end of 1936, the species accepted by the Commission as the type species was cited without any explanation as to why it was considered that that species was the type species of the genus concerned (e.g. whether by original designation, monotypy, subsequent selection, etc.). It is clearly essential that these omissions should be made good before the *Official List* is published in book-form. A large amount of work has been involved in filling these gaps, which necessitated both direct search of the literature and consultations with individual specialists. In about half of the cases concerned reference to the original publication clearly established under which of the Rules in Article 30 the type species had been determined. In the case however of genera the type species of which were determined under Rule (g) in the foregoing Article (type species by subsequent selection) an extensive search of the literature has been necessary. It is believed that the references which have been detected are the oldest for each of the genera concerned, though in cases of this kind, it is never possible to be absolutely certain that the oldest type selection in the literature has been found. The results obtained by the investigations undertaken for twenty-six of the names concerned, are set out in Annexe 1 to the present paper. Special considerations arise

³ The decisions taken by the Commission on the proposals submitted in the paper numbered Z.N.(S.) 915 have now been embodied in *Direction* 23 (pp. 201—218 of the present Section of volume 1).

in connection with the two remaining names which are discussed separately in paragraphs 4 to 5 below.

3. The genus *Dasyprocta* Illiger, 1811, which was placed on the *Official List* in *Opinion* 91, was established with only two included species. One of these species, *Cavia acuchy* (Gmelin, 1788), was made the type species of a new monotypical genus, *Myoprocta*, by Thomas in 1903 (*Ann. Mag. nat. Hist.* (7) 12 : 464). Thus, as no selection had by that time been made under Rule (g) in Article 30, Thomas's action constitutes under *Opinion* 6, a valid selection of the remaining species, *Mus aguti* Linnaeus, 1766, as the type species of *Dasyprocta* Illiger. The method of selecting type species sanctioned under *Opinion* 6 was revoked by the Copenhagen Congress, but this does not impair the validity of Thomas's action in the present case, for the Congress inserted a provision protecting type selections already accepted on the basis of the Ruling given in the foregoing *Opinion* (see 1953, *Copenhagen Decisions zool. Nomencl.* : 72, Decision 135). It is accordingly proposed to treat this genus as having had its type species selected by Thomas (1903) under the provisions of *Opinion* 6.

4. No type species for the genus *Lemur* Linnaeus, 1758, had previously been determined at the time when Thomas in 1911 (*Proc. zool. Soc. Lond.* 1911 (Vol. 1) : 129) argued incorrectly that by the process of elimination the Ruling given in *Opinion* 6 was applicable to this case and therefore that the type species of this genus was under that *Opinion*, *Lemur catta* Linnaeus, 1758. The possibility of situations of this sort arising was foreseen by the Paris (1948) Congress which accordingly inserted in the *Règles* a provision that, where in such a case an author (as Thomas) made it clear that, in his opinion, a given species (as *Lemur catta*) was the type species of a given genus (as *Lemur*), his action was to be accepted as a selection under Rule (g) in Article 30, notwithstanding the fact that the author concerned believed erroneously that the species in question was already the type species of the genus concerned by some other means (1950, *Bull. zool. Nomencl.* 4 : 181—182, Decision 72). It is accordingly proposed to treat the type species of *Lemur* Linnaeus as being *Lemur catta* Linnaeus by subsequent selection by Thomas (M. R. O.) (1911).

(2) Relative dates of type selections for certain genera of mammals made in 1901 (a) by Elliot (D. G.) and (b) Miller (G. S.) and Rehn (J. A. G.) respectively

5. When in 1946 I was working on the portion of the *Official List* relating to the generic names of mammals, I observed that in some cases a type species for a given genus had been selected in 1901 independently in two different papers, one by Elliot (D. G.) (1901, *Field Mus. Publ.* (Zool.) 2 : 1—171), the other by Miller (G. S.) & Rehn (J. A. G.) (1901, *Proc. Boston Soc. nat. Hist.* 30 : 1—352). It

was clearly necessary in the circumstances to ascertain which of these papers was the first to be published, and I accordingly set on foot enquiries in regard to this matter. Ultimately, this problem was cleared up very satisfactorily through the kindness of Mrs. Leila F. Clark, Librarian, Smithsonian Institution, Washington, D.C. It will be seen from Mrs. Clark's letter, dated 14th March 1946, which is reproduced in Annexe 2 to the present paper, that Elliot's paper was published in March 1901 and that Miller & Rehn's paper did not appear until the end of December in that year. Thus, wherever there are rival type selections for a given genus in these two papers, the selection by Elliot is to be accepted as having priority over that of Miller & Rehn.

(3) **Proposed correction of four minor errors in the entries on the "Official List" in relation to the generic names of mammals**

6. The examination of the entries on the *Official List of Generic Names in Zoology* has disclosed four minor errors which call for correction. Particulars of these cases are given in the following paragraphs.

7. In one case, an incorrect date was assigned to a generic name. This error was in *Opinion* 91, where the date "1822" instead of "1823", was assigned to the generic name *Erethizon* Cuvier (G. F.), 1823 (*Mém. Mus. Hist. nat.*, Paris 9 : 426).

8. The next point to be noted is in connection with the entry relating to the generic name *Colobus* Illiger, 1811, in *Opinion* 122, where the type species of this genus was stated to be "t[type by] s[subsequent] d[esignation] . *polycomos* Schreber". Schreber, however, never published a specific name consisting of the word "polycomos", and the first author to publish this name—in the combination *Simia polykomos* and with the specific name spelled as here shown—was Zimmermann, who so published it in the year 1780 (*Geogr. Gesch.* 2 : 202).

9. In the case of the name *Galago* Geoffroy de Saint-Hilaire (E.), 1796 (*Mag. encyclop.* 1(1) : 49) the entry relating to the type species of the genus so named, given in the Commission's *Opinion* 122, was as follows :—"t[type by] a[bsolute] t[autonymy]. *senegalensis* Geoffr. = *galago* Schreber". This entry illustrates once again the objections attaching to the former practice of the Commission in adding subjective synonymisations when citing the names of the type species of genera at the time when the names of those genera were placed on the *Official List*. It must be noted that, when establishing the nominal

genus *Galago*, Geoffroy placed in it one nominal species only, namely *Galago senegalensis* (: 49), and cited no synonyms for the species so named. This nominal species is therefore the type species of the genus *Galago* Geoffroy by monotypy under Rule (c) in Article 30. In these circumstances the statement in *Opinion* 122 that the type species of this genus had been determined by absolute tautonymy, i.e. under Rule (d) in the foregoing Article, would have been incorrect, even if Geoffroy had included in his genus a species bearing the specific name *galago*, which, as shown above, he did not. Second it must be noted that, contrary to the statement in the foregoing *Opinion*, there is no such specific name as “*galago* Schreber”.

10. The entry in *Opinion* 122 relating to the type species of the genus *Tarsius* Storr, 1780, provides another example of the danger involved in accepting the subjective synonymisation of specific names, when citing the type species of genera. The entry in question was as follows :—“ m[ono] t[ype] . *spectrum* Pallas, 1778, so . t[ype by] a[bsolute] t[autonymy] *tarsier* Erxl., 1777, = *tarsius* ”. This entry is incorrect in every respect. First, it must be noted that, when Storr established the nominal genus *Tarsius*, he placed in it the nominal species *Lemur tarsier* Erxleben, 1777 (*Syst. Anim.* : 71) and added that he identified this species with the nominal species *Lemur spectrum* Pallas, [1778] (*Nov. Spec. Quadrup. Glir.* (2) : 275). Thus, from a nomenclatorial point of view, this genus was established with two nominal species (1950, *Bull. zool. Nomencl.* 4 : 179—180, Decision 69(3)(a)) and is therefore not monotypical. Second, we have to note that as the Rules in Article 30 of the *Règles* are applicable successively, the type species of the genus *Tarsius* Storr could not have been determined by absolute tautonymy under Rule (d) in the foregoing Article, if in fact its type species had already been determined by monotypy under Rule (c). Third, as this genus is now seen not to have been monotypical, it is necessary to note that the specific names *tarsier* Erxleben and *tarsius* are not homonyms of one another and therefore that the citation by Storr of the name *tarsier* Erxleben as that of one of his included species does not make the species so named the type species of *Tarsius* Storr by absolute tautonymy. In these circumstances it is necessary to ascertain who was the first author validly to select a type species for this genus under Rule (g) in Article 30. This appears to have been Palmer (1904, *N. Amer. Faun.* 23 : 664), who gave the type species of this genus as “*Lemur tarsius* Erxl.”, adding that this was the same taxon as “*Lemur tarsier* Erxl.” At this point we have to note (1) that Erxleben never published a specific name *tarsius* for this species, the form in which he published this name being *tarsier*, (2) that, as Palmer synonymised “*tarsius* Erxleben” (i.e. the emendation *tarsius* published by Desmarest in 1804 for the name *tarsier* Erxleben) with the name *tarsier* Erxleben, 1777, and as the nominal species *Lemur tarsier* Erxleben was one of the species originally included by Storr in his genus *Tarsius*, Palmer’s action ranks under the *Règles* (1950, *Bull. zool. Nomencl.* 4 : 180, Decision 69(3)(b)) as a selection by that author

of *Lemur tarsier* Erxleben as the type species of *Tarsius* Storr and is to be accepted as such, notwithstanding the fact that Palmer almost certainly did not look upon himself in 1904 as then selecting that species to be the type species, believing rather (though incorrectly) that the type species of this genus had been determined by absolute tautonymy (1950, *Bull. zool. Nomencl.* 4 : 181—182, Decision 72). (Finally, it may be noted that, according to modern taxonomic ideas (e.g. Laurie (E. M. O.) & Hill (J. E.), 1954, *List Land Mammals New Guinea Celebes and adjacent Islands* : 80) and contrary to the view expressed in *Opinion* 122, *Lemur spectrum* Pallas and *Lemur tarsier* Erxleben are not considered to be conspecific, the former being regarded as a good species, the latter being identified with the taxonomic species represented by the older nominal species *Simia syrichta* Linnaeus, 1758.)

11. In the light of the considerations set out above, it is proposed (a) that the entry regarding the type species of the genus *Tarsius* Storr given in *Opinion* 122 be deleted, (b) that the amended entry "type species, by selection by Palmer (1904) : *Lemur tarsier* Erxleben, 1777" be inserted in the place of the entry so to be deleted and (c) that the Ruling given in the foregoing *Opinion* be deemed to have been amended accordingly. At the same time the specific name *tarsius* Desmarest, 1804 (*Nouv. Dict. Hist. nat.* 24 (Tab.) : 10), as published in the combination *Tarsius tarsius*, should, as an Invalid Emendation of the specific name *tarsier* Erxleben, 1777, as published in the combination *Lemur tarsier*, be placed on the *Official Index of Rejected and Invalid Specific Names in Zoology*.

(4) Proposed addition of certain objectively invalid generic and specific names to the "Official Indexes of Rejected and Invalid Names" of those categories

12. In a number of cases during the period up to the end of 1936 the Commission used its Plenary Powers to suppress individual generic names for the purpose of validating other names. Under a decision by the Paris (1948) Congress a name suppressed for this purpose retains its status under the Law of Homonymy. The names so suppressed require now to be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology*. So also do certain names which are either (1) junior homonyms of generic names of mammals already placed on the *Official List* or (2) Invalid Emendations or Erroneous Subsequent Spellings of such names. The generic names which thus require now to be placed on the *Official Index* are enumerated in Section A of Annexe 3 to the present paper. The two specific names involved are given in Section B of the same Annexe.

(5) Gender to be attributed to the generic name "Galago"
Geoffroy de Saint-Hilaire (E.) 1796

13. In the proposals submitted with Voting Paper V.P.(O.M.)(55)⁴ it was recommended that the generic name *Galago* Geoffroy de Saint-Hilaire (E.), 1796, should be treated as being of the feminine gender. In a letter dated 20th February 1955, reproduced as Annexe 4 to the present paper, Dr. Angel Cabrera has pointed out that in the literature this generic name is always treated as being masculine in gender. On receipt of Dr. Cabrera's communication I executed a Minute withdrawing the proposal relating to the gender of this generic name from the scope of Voting Paper V.P.(O.M.)(55)4, in order to provide for the Commission a further opportunity for considering this question. The gender suggested for this generic name in the proposals submitted with the foregoing Voting Paper was based on the advice of Mr. F. J. Lelievre, the Classical scholar who, at the request of the International Trust for Zoological Nomenclature, had previously submitted a Report containing recommendations as to the gender to be assigned to each generic name placed on the *Official List* prior to the Paris (1948) Congress. As pointed out by Dr. Cabrera, the word "galago" is not a Classical Latin word, and it was necessary therefore for Mr. Lelievre to base his recommendation in this case on the analogy afforded by the fact that Latin words having the termination "-ago" are almost always feminine in gender. In the circumstances the Commission is free to regard the word "galago" as a barbarous word and therefore to treat it as being masculine in gender (1953, *Copenhagen Decisions zool. Nomencl.* : 50, Decision 84(5)). Having regard to the fact that, as pointed out by Dr. Cabrera, the generic name *Galago* Geoffroy is treated by mammalogists as being a masculine word, I recommend that in the circumstances the Commission should direct that that gender be entered on the *Official List* for this generic name.

Summary of Recommendations

14. The following is a summary of the Recommendations now submitted for approval, namely that the International Commission should :—

- (1) In the case of the twenty-six nominal genera specified in Annexe 1 to the present paper, the names of which were placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 without an indication of the manner by which their respective type species had been determined under Article 30, insert in the *Official List* the particulars specified in Column (2) of the foregoing Annexe (paragraph 2) ;

⁴ The Voting Paper here referred to was that on which the Commission took decisions on a paper numbered Z.N.(S.) 900. These decisions have since been embodied in *Direction* 10. See footnote 1.

- (2) approve the revised entries proposed to be made in the *Official List of Generic Names in Zoology* regarding the method by which the type species of the under-mentioned nominal genera were determined under Article 30 of the *Règles*—(a) *Dasyprocta* Illiger, 1811 (paragraph 3) ; (b) *Lemur* Linnaeus, 1758 (paragraph 4) ;
- (3) take note that of the papers containing type selections for mammals published in 1901, the paper by Elliot (D. G.) has priority over the paper by Miller (G. S.) & Rehn (J. A. G.) (paragraph 5) ;
- (4) correct, as shown in paragraph 7, the erroneous date assigned in the *Official List* to the generic name *Erethizon* Cuvier (paragraph 7) ;
- (5) correct the authorship attributed in the *Official List* to the specific name of the type species (*Simia polykomos*) of the genus *Colobus* Illiger, 1811, as recommended in paragraph 8 ;
- (6) correct the entry on the *Official List* relating to the type species of the genus *Galago* Geoffroy de Saint-Hilaire (E.), 1796, as recommended in paragraph 9 ;
- (7) substitute on the *Official List* the corrected entry relating to the type species of the genus *Tarsius* Storr, 1780, specified in paragraph 11 ;
- (8) place on the *Official Index of Rejected and Invalid Generic Names in Zoology* the names specified in Section A of Annexe 3 and on the *Official Index of Rejected and Invalid Specific Names in Zoology* the specific names specified in Section B of the same Annexe (see paragraph 12) ;
- (9) direct that the gender “ masculine ” be entered on the *Official List of Generic Names in Zoology* as the gender to be assigned to the generic name *Galago* Geoffroy de Saint-Hilaire (E.), 1796 (paragraph 13).

15. It is believed that, when the questions raised in the present paper have been dealt with by the Commission, all questions relating to the generic names of mammals placed on the *Official List* in the period up to the end of 1936 will have been cleared up.

ANNEXE 1

Names of twenty-six genera of mammals placed on the "Official List of Generic Names in Zoology" in the period up to the end of 1936 : proposals as to the entries now to be inserted in the foregoing "Official List" regarding the method by which the species accepted as their respective type species were determined as such under Article 30 of the "Règles"

Name of Genus

Entry relating to the determination of the type species of the genus specified in Col. (1) now proposed to be inserted in the "Official List of Generic Names in Zoology"

(1)

(2)

Arvicola Lacépède, 1799

Ateles Geoffroy, 1806

Bradypus Linnaeus, 1758

Canis Linnaeus, 1758

Capra Linnaeus, 1758

Cebus Erxleben, 1777

Cervus Linnaeus, 1758

Choloepus Illiger, 1811

Condylura Illiger, 1811

Crociodura Wagler, 1832

Cystophora Nilsson, 1820

Didelphis Linnaeus, 1758

Erethizon, Cuvier, 1823

Felis Linnaeus, 1758

Halichoerus Nilsson, 1820

Lepus Linnaeus, 1758

Mus Linnaeus, 1758

Myrmecophaga Linnaeus, 1758

Ovibos Blainville, 1816

by monotypy

by selection by Miller & Rehn, 1901,
Proc. Boston Soc. nat. Hist. 30 : 298—299by selection by Miller & Rehn, 1901,
Proc. Boston Soc. nat. Hist. 30 : 8by Linnean tautonymy (*Opinion* 16)by Linnean tautonymy (*Opinion* 16)by selection by Elliot, 1913, *A review of the Primates* 2 : 64by Linnean tautonymy (*Opinion* 16)by selection by Miller & Rehn, 1901,
Proc. Boston Soc. nat. Hist. 30 : 8by selection by True, 1896, *Proc. U.S. nat. Mus.* 19(1101) : 77by selection by Palmer, 1904, *N. Amer. Fauna* 23 : 204by selection by Allen, 1880, *U.S. geol. geogr. Surv. Terr. Hayden Misc. Publ.* 12 : 273by selection by Thomas, 1888, *Cat. Marsup. Monotremat. B.M.* : 316

by original designation

by Linnean tautonymy (*Opinion* 16)by selection by Allen, 1880, *U.S. geol. geogr. Surv. Terr. Hayden Misc. Publ.* 12 : 682by Linnean tautonymy (*Opinion* 16)by Linnean tautonymy (*Opinion* 16)by selection by Thomas, 1901, *Amer. Nat.* 35 : 143—144by selection by Elliot, 1901, *Field Mus. Publ. (Zool.)* 2 : 48

<i>Name of Genus</i>	<i>Entry relating to the determination of the type species of the genus specified in Col. (1) now proposed to be inserted in the "Official List of Generic Names in Zoology"</i>	
(1)	(2)	
<i>Phyllostomus</i> Lacépède, 1799	by selection by Miller & Rehn, 1901, <i>Proc. Boston Soc. nat. Hist.</i> 30 : 282	
<i>Procyon</i> Storr, 1780	by selection by Elliot, 1901, <i>Field Mus. Publ. (Zool.)</i> 2 : 317	
<i>Rangifer</i> Smith, 1827	by selection by Elliot, 1901, <i>Field Mus. Publ. (Zool.)</i> 2 : 35	
<i>Rhinolophus</i> Lacépède, 1799	by selection by Palmer, 1904, <i>N. Amer. Fauna</i> 23 : 606	
<i>Sciurus</i> Linnaeus, 1758	by Linnean tautonymy (<i>Opinion</i> 16)	
<i>Sorex</i> Linnaeus, 1758	by Linnean tautonymy (<i>Opinion</i> 16)	
<i>Vespertilio</i> Linnaeus, 1758	by Linnean tautonymy (<i>Opinion</i> 16)	

ANNEXE 2

Relative dates of publication in 1901 of papers by Elliot (D. G.) (Field Museum Publ. (Zool.), vol. 2) and Miller (G. S.) & Rehn (J. A. G.) (Proc. Boston Soc., nat. Hist. vol. 30) containing competing type selections for genera of mammals

Letter dated 14th March 1946 from Mrs. Leila F. Clark (Librarian, Smithsonian Institution, Washington, D.C., U.S.A.)

I am sorry to say that the library stamps in our copies of the journals about which you inquire in your letter of March 3rd, throw no light on the question of priority of publication, since the first is dated April 10, 1905, and the second May 1, 1902—both obviously long after they were issued. In those days little attention was given to noting the actual date of receipt of periodical parts, and our records do not show exactly what the stamped dates represent—probably the days on which the parts were catalogued.

Dr. Remington Kellogg, Curator of Mammals, tells me, however, that the dates of publication of the two journals are on record in his Division. According to a letter dated January 1, 1902, written by the late Dr. Glover Allen who was, at that time, Secretary of the Boston Society of Natural History, the part of Volume 30 of its *Proceedings*

containing the paper by Miller and Rehn was available to the public on December 27, 1901, at 10.55 a.m., while a memorandum from the Field Museum, undated, but presumably written at about the same time, gives the date of publication of the part of Volume 2 of the Zoology section of the *Field Museum Publications* containing page 307, as March 6, 1901.

A N N E X E 3

Proposed addition of certain invalid names to the " Official Indexes of Rejected and Invalid Names "

Section A :—Proposed addition of forty-one generic names to the " Official Index of Rejected and Invalid Generic Names in Zoology "

1. *Alus* Gray (J. E.), 1825, *Ann. Phil.* 26 : 342 (an Erroneous Subsequent Spelling for *Alces* Gray (J. E.), 1821, placed on the *Official List* in *Opinion* 91)
2. *Cebus* Rafinesque, 1815, *Analyse Nature* : 53 (nom. nov. pro *Cercopithecus* Gronovius, 1763) (a junior homonym of *Cebus* Erxleben, 1777, placed on the *Official List* in *Opinion* 91)
3. The under-mentioned junior homonyms of *Colobus* Illiger, 1811, placed on the *Official List* in *Opinion* 122 :—
 - (a) *Colobus* Merrem, 1820, *Tent. Syst. Amph.* : 13, 75
 - (b) *Colobus* Audinet-Serville, 1834, *Ann. Soc. ent. France* 2 : 554
 - (c) *Colobus* Schoenherr, 1842, *Gen. Curcul.* 6(2) : 267
 - (d) *Colobus* Albers, 1850, *Die Heliceen* : 177
4. The under-mentioned junior homonyms of *Condylura* Illiger, 1811, placed on the *Official List* in *Opinion* 91 :—
 - (a) *Condylura* Barnes, 1826, *Amer. J. Sci.* 11 : 278
 - (b) *Condylura* Berthold, 1827, in Latreille, *Nat. Fam. Thierr.* : 269 : *id.*, 1829, in Cuvier, *Règne Anim.* (ed. 2) 4 : 153
5. *Condylurus* Blainville, 1838, *Ann. franç. étrang. Anat. Phys.* 2 : 219 (an Invalid Emendation of *Condylura* Illiger, 1811, placed on the *Official List* in *Opinion* 91)
6. *Condytura* Bell, 1839, in Todd, *Cyclop. Anat. Physiol.* 2 : 996 (an Erroneous Subsequent Spelling for *Condylura* Illiger, 1811, placed on the *Official List* in *Opinion* 91)

7. *Crocidurus* Schultz, 1890, *Schr. Ver. Harzes* 5 : 28 (an Invalid Emendation of *Crocidura* Wagler, 1832, placed on the *Official List* in *Opinion* 91)
8. *Cystophora* Yabe & Hayaska, 1916, *J. geol. Soc. Tokio* 23 (No. 271) : 70 (a junior homonym of *Cystophora* Nilsson, 1820)
9. *Dasyprocla* Lund, 1840, *Echo Monde Savant* 1840 : 191 (an Erroneous Subsequent Spelling for *Dasyprocta* Illiger, 1811, placed on the *Official List* in *Opinion* 91)
10. The under-mentioned Erroneous Subsequent Spellings for *Erethizon* Cuvier (G. F.), 1823 :—
 - (a) *Erethrizon* Torne, 1885, *Proc. U.S. nat. Mus.* 7 : 600
 - (b) *Erethryzon* [Torne], 1891, *Rep. U.S. nat. Mus.* 1890 : 760
 - (c) *Eretison* Doughty, 1831, *Cab. nat. Hist. Amer. Rural Sports.* 1(11) : 241 (also McMurtrie, 1831, in Cuvier *Règne Anim.* (ed. 2) 1 : 154)
 - (d) *Eretizon* Cuvier (G. F.), 1884, *Dents Mamm.* (Tabl.) : 256
 - (e) *Erythizon* Gray (J. E.), 1825, *Ann. Phil.* 26 : 341
11. *Hylobates* Dejean, 1834, *Cat. coll. Coléopt. Dejean* (ed. 2) (2) : 204 (a junior homonym of *Hylobates* Illiger, 1811, placed on the *Official List* in *Opinion* 122)
12. *Hylobatus* Schlegel, 1876, *Mus. Hist. nat. Pays-Bas, Rev. méth.* 7 (Monogr. 40) : 338 (an Erroneous Subsequent Spelling for *Hylobates* Illiger, 1811)
13. *Lagidium* Malaise, 1933, *Ent. Tidskr.* 54 : 55 (a junior homonym of *Lagidium* Meyen, 1833, placed on the *Official List* in *Opinion* 110)
14. *Lemur* Hübner, [1809—1813], *Erste Zutr. Samml. exot. Schmett.* : 4, 5 (ref. to *Zutr. Samml. exot. Schmett.* 1 : pl. 5, fig. 17) (a junior homonym of *Lemur* Linnaeus, 1758, placed on the *Official List* in *Opinion* 122)
15. *Myrmecopha* Fischer de Waldheim, 1803, *Ann. Mus. Hist. nat., Paris*, 2 : 333 (an Erroneous Subsequent Spelling for *Myrmecophaga* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91)
16. *Myrmecophaga* Lacépède, 1799, *Tabl. Ois.* : 6 (a junior homonym of *Myrmecophaga* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91)
17. *Myrmecophagus* Gray (J. E.), 1825, *Ann. Phil.* (2) 10 : 343 (an Invalid Emendation of *Myrmecophaga* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91)

18. *Nycteris* Borkhausen, 1797, in Eisenach, *Der Zoologe*, **1** (21) : 66
(a junior homonym of *Nycteris* Geoffroy de Saint-Hilaire (E.) & Cuvier (G. F.), 1795, placed on the *Official List* in *Opinion* 111)
19. *Paralces* Allen (J.A.), 1902, *Proc. Amer. Mus. nat. Hist.* **16** : 160
(a junior objective synonym of *Alces* Gray (J. E.), 1825, placed on the *Official List* in *Opinion* 91)
20. *Petalia* Gray (J. E.), 1838, *Mag. Zool. Bot.* **2** (12) : 494 (suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy in *Opinion* 111)
21. *Phyllostoma* Cuvier (G. L. C. F. D.), 1800, *Leçons Anat. comp.* **1** : Tab. 1 (an Invalid Emendation of *Phyllostomus* Lacépède, 1799, placed on the *Official List* in *Opinion* 91)
22. The under-mentioned names suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy :—
 - (a) *Pithecus* Geoffroy de Saint-Hilaire (E.) & Cuvier (G. F.), 1795, *Mag. Ency.* **3** (12) : 462
 - (b) *Pithecus* Cuvier (G. L. C. F. D.), 1800, *Leçons Anat. comp.* **1** : Tab. 1
 - (c) *Pithecus* Geoffroy de Saint-Hilaire (E.), 1812, *Ann. Mus. Hist. nat.*, Paris **19** : 87
23. *Rangifer* Gistel, 1847, *Handb. Naturgesch.* **1850** : 430 (a junior homonym of *Rangifer* Serville, 1835, placed on the *Official List* in *Opinion* 91)
24. The under-mentioned Erroneous Subsequent Spellings for *Rhinolophus* Lacépède, 1799) :—
 - (a) *Rhinolophos* Kaup, 1835, *Thierr. Hauptform.* **1** : 449
 - (b) *Rhinolphus* Fischer de Waldheim, 1803, *Ann. Mus. Hist. nat.* Paris **2** : 141
 - (c) *Rhynolophus* Gray (J. E.), 1821, *London med. Reposit.* **15** : 300
25. *Sciurur* Temminck, 1844, in Siebold, *Fauna japon.* (Mamm.) : 44
(an Erroneous Subsequent Spelling for *Sciurus* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91)
26. *Simia* Linnaeus, 1758, *Syst. Nat.* (ed. 10) **1** : 25 (suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy in *Opinion* 114)

27. *Trichechus* Linnaeus, 1766, *Syst. Nat.* (ed. 12) 1 (1) : 49 (a junior homonym of *Trichechus* Linnaeus, 1758, placed on the *Official List* in *Opinion* 112)
28. *Vespertilio* Mørch, 1852, *Cat. Cónchyl. Yoldi* 1 : 123 (a junior homonym of *Vespertilio* Linnaeus, 1758, placed on the *Official List* in *Opinion* 91)
29. *Viscaccia* Oken, 1816, *Lehrb. Naturgesch.* 3 (2) : 835 (suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy in *Opinion* 110)

Section B :—Proposed addition of two names to the “ Official Index of Rejected and Invalid Specific Names in Zoology ”

1. *satyrus* Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 25, as published in the combination *Simia satyrus* (suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy in *Opinion* 114)
2. *tarsius* Desmarest, 1804, *Nouv. Dict. Hist. nat.* 24 (Tab.) : 10, as published in the combination *Tarsius tarsius* (an Invalid Emendation of *tarsier*, Erxleben, 1777, as published in the combination *Lemur tarsier*)

ANNEXE 4

Gender attributable to the generic name “ Galago ” Geoffroy de Saint-Hilaire, 1796

Letter dated 20th February 1955 from Commissioner Angel Cabrera (Eva Peron, F.C.N.G.R., Argentina)

I find in the Voting Paper about the gender of generic names of mammals—Z.N.(S.) 900—a point about which I have some doubts. It refers to the name *Galago* Geoffroy, 1796. This name appears in your list as feminine, but it has been treated as masculine by every mammalogist (*Galago crassicaudatus* Geoffroy ; *G. zanzibaricus* Matschie ; *G. umbrosus* Thomas ; *G. argentatus* Lennberg ; *G. anomurus* Pousargues ; *G. murinus* Murray ; *G. braccatus* Elliot ; etc.).

I suppose the feminine gender has been ascribed to the name *Galago* in your list because, with very few exceptions, Latin nouns with *-ago* ending are feminine ; but *Galago* is not a Latin noun. It is a barbarous word, borrowed from Adanson, and one of the Copenhagen decisions specified that “ where a generic name consists of a barbarous word and no obvious Latin or Latinised suffix is added to it, the name is to be treated as of the masculine gender ”. (*Copenh. Decis.*, 84(5), p. 50). This decision is in accordance with the general use of the said name.

2. Registration of the present application : Upon the receipt of Mr. Hemming's paper, the question of the action required to settle the questions raised therein regarding certain of the names of genera of mammals placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 was allotted the Registered Number Z.N.(S.) 918.

II. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(55)11 : On 25th March 1955 a Voting Paper (V.P.(O.M.)(55)11) was issued in which each Member of the Commission was asked (1) to state whether he agreed "that, in conformity with the General Directives issued to the International Commission on Zoological Nomenclature by the Thirteenth International Congress of Zoology, Paris, 1948, regarding the placing on the appropriate *Official Lists* and *Official Indexes* of names dealt with in, or otherwise involved in, *Opinions* rendered prior to 1948, the assignment of an appropriate gender to each name placed on the *Official List of Generic Names in Zoology*, and other matters on which action is required in order to complete, to clarify, or to correct Rulings given in *Opinions* rendered in the foregoing period, the action regarding the names of certain genera of mammals recommended in paragraph 14 of the paper numbered Z.N.(S.) 918 [i.e., in paragraph 14 of the application reproduced in the first paragraph of the present *Direction*] submitted by the Secretary simultaneously with the present Voting Paper be now taken as there recommended", and (2), if he did not so agree as regards any given item, to indicate the item concerned.

4. Withdrawal of the proposal submitted in regard to the determination of the method adopted for fixing the type species of the nominal genus "Vespertilio" Linnaeus, 1758 : On 19th April 1955,

Mr. Hemming, as Secretary, placed the following Minute on the Commission's File Z.N.(S.) 918 :—

Withdrawal from the scope of Voting Paper V.P.(O.M.)(55)11 of the proposal submitted therewith relating to the determination of the type species of the genus "Vespertilio" Linnaeus, 1758

By FRANCIS HEMMING, C.M.G., C.B.E.,

Secretary to the International Commission of Zoological Nomenclature

In view of a communication received from Commissioner Tadeusz Jaczewski drawing attention to a paper in which Dr. Olof Ryberg (1947) has expressed the view that the name *Vespertilio murinus* Linnaeus, 1758, the name of the species currently accepted as the type species of the genus *Vespertilio* Linnaeus, 1758, is a *nomen dubium*, I have today executed a Minute on File Z.N.(S.) 913 withdrawing for further examination the proposal submitted with Voting Paper V.P.(O.M.)(55)9 that the specific name *murinus* Linnaeus, 1758, as published in the foregoing combination should be placed on the *Official List of Specific Names in Zoology*.

2. The type species of this genus is currently treated as having been determined by Linnean tautonymy (i.e. under Rule (d) in Article 30, as clarified by the Thirteenth International Congress of Zoology, Paris, 1948, when codifying and defining the Ruling given in *Opinion* 16). As no particulars as to how the type species of this and certain other genera then placed on the *Official List of Generic Names in Zoology* had been determined under Article 30, were given in the *Opinion* (*Opinion* 91) in which those names were placed on that *List*, proposals to make good this deficiency were included in the paper submitted with Voting Paper V.P.(O.M.)(55)11.

3. In view of the fact that the question of the identity of the type species of the genus *Vespertilio* Linnaeus has been reserved for further examination, it would, in my view, be appropriate that no decision regarding any aspect of the name of this nominal genus should be taken by the Commission at the present time, the whole field thus being left open until the completion of the investigation of the problem raised by Commissioner Jaczewski. As Secretary to the Commission, I accordingly hereby withdraw from the scope of Voting Paper V.P.(O.M.)(55)11 the proposals submitted therewith relating to the determination of the method by which the type species of the genus *Vespertilio* Linnaeus, 1758, was fixed under Article 30 of the *Règles*.

5. **The Prescribed Voting Period :** As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 25th April 1955.

6. Particulars of the Voting on Voting Paper V.P.(O.M.)(55)11 :

At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(55)11 was as follows :—

- (a) *Affirmative Votes had been given by the following twenty-two (22) Commissioners (arranged in the order in which Votes were received) :*

Stoll ; Lemche ; Vokes ; Hering ; Bradley (J. C.) ;
Riley ; Sylvester-Bradley ; Mayr ; Bonnet ; Esaki ;
Prantl ; do Amaral ; Mertens ; Tortonese ; Cabrera ;
Hemming ; Bodenheimer ; Boschma ; Dymond ; Jac-
zewski ; Kühnelt ; Hankó ;

- (b) *Negative Votes :*

None ;

- (c) *On Leave of Absence, three (3) :*

Holthuis ; Key ; Miller ;

- (d) *Voting Papers not returned :*

None.

7. Declaration of Result of Vote : On 28th April 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(55)11, signed a Certificate that the Votes cast were as set out in paragraph 6 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

8. Preparation of the Ruling given in the present “ Direction ” : On 28th April 1955, Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate

that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(55)11.

9. Original References : The original references for the names placed on the *Official Indexes* of Rejected and Invalid Generic Names and Specific Names by the Ruling given in the present *Direction* are as set out in Sections A and B respectively of Annexe 3 to the application reproduced in the first paragraph of the said *Direction*.

10. Family-Group Names : No question relating to family-group names arises in connection with the Ruling given in the present *Direction*.

11. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

12. The present *Direction* shall be known as *Direction Twenty-Four* (24) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Eighth day of April, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING